Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2016, Virginia

Year	Coal	Natural Gas [a]	Petroleum						Hydro-electric Power [e,f]	Biomass	Geothermal [f]	Solar [f,h]	Retail Electricity Sales	Net Energy [f,i]	Electrical System Energy Losses [j]	Total [f,i]
			Distillate Fuel Oil	HGL [b]	Kerosene	Motor Gasoline [c]	Residual Fuel Oil	Total [d]		Wood and Waste [f,g]						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million Kilowatthours			Million Kilowatthours				
1960	533	11	1,388	256	93	223	175	2,135	NA	– –	– –	NA	3,676	– –	– –	– –
1965	342	15	1,591	395	97	275	211	2,567	NA	– –	– –	NA	6,192	– –	– –	– –
1970	207	30	2,072	498	91	210	118	2,989	NA	– –	– –	NA	10,804	– –	– –	– –
1975	226	32	1,935	543	41	310	245	3,075	NA	– –	– –	NA	14,014	– –	– –	– –
1980	152	38	1,634	524	46	371	443	3,018	NA	– –	– –	NA	16,969	– –	– –	– –
1985	211	34	2,747	629	214	456	443	4,489	NA	– –	– –	NA	21,491	– –	– –	– –
1990	189	41	2,815	740	139	478	218	4,390	0	– –	– –	(s)	28,082	– –	– –	– –
1995	248	57	2,657	1,001	275	132	205	4,269	0	– –	– –	(s)	33,051	– –	– –	– –
1996	348	59	3,398	1,110	277	130	253	5,169	0	– –	– –	(s)	33,839	– –	– –	– –
1997	162	62	2,974	1,197	372	137	128	4,807	0	– –	– –	(s)	34,165	– –	– –	– –
1998	153	58	3,097	914	433	123	112	4,680	0	– –	– –	(s)	35,793	– –	– –	– –
1999	109	62	2,864	1,019	317	166	182	4,548	0	– –	– –	(s)	36,893	– –	– –	– –
2000	74	66	3,322	1,219	276	122	431	5,369	0	– –	– –	(s)	38,459	– –	– –	– –
2001	115	60	2,959	1,107	228	124	282	4,700	0	– –	– –	(s)	39,329	– –	– –	– –
2002	68	63	2,457	1,065	88	127	74	3,811	0	– –	– –	(s)	40,642	– –	– –	– –
2003	92	64	3,245	1,402	195	123	405	5,371	0	– –	– –	(s)	41,179	– –	– –	– –
2004	83	65	3,027	1,313	242	124	316	5,022	0	– –	– –	(s)	43,025	– –	– –	– –
2005	111	66	2,980	1,261	203	115	83	4,642	0	– –	– –	(s)	44,670	– –	– –	– –
2006	24	62	2,692	1,093	168	100	37	4,090	0	– –	– –	(s)	44,654	– –	– –	– –
2007	75	66	2,088	1,173	162	116	18	3,557	0	– –	– –	(s)	46,971	– –	– –	– –
2008	75	67	1,549	1,445	25	104	20	3,143	0	– –	– –	(s)	46,878	– –	– –	– –
2009	90	68	1,333	1,358	28	98	22	2,839	0	– –	– –	(s)	46,828	– –	– –	– –
2010	84	69	1,475	1,513	38	80	29	R 3,135	0	– –	– –	1	48,037	– –	– –	– –
2011	90	64	1,153	1,568	26	106	12	R 2,864	0	– –	– –	2	47,051	– –	– –	– –
2012	49	60	1,709	1,414	11	96	6	R 3,235	0	– –	– –	8	46,757	– –	– –	– –
2013	51	68	1,377	1,836	13	93	4	R 3,322	0	– –	– –	8	47,751	– –	– –	– –
2014	66	72	1,598	1,981	21	100	4	R 3,704	0	– –	– –	11	47,752	– –	– –	– –
2015	50	69	1,601	1,817	13	R 2,234	0	R 5,665	0	– –	– –	13	48,347	– –	– –	– –
2016	34	68	1,494	1,898	25	2,263	(s)	5,680	0	– –	– –	16	49,264	– –	– –	– –
			Trillion Btu													
1960	13.2	11.7	8.1	1.0	0.5	1.2	1.1	11.9	NA	0.6	NA	NA	12.5	49.9	31.0	80.9
1965	8.4	15.3	9.3	1.5	0.5	1.4	1.3	14.1	NA	0.4	NA	NA	21.1	59.3	50.4	109.8
1970	4.9	30.9	12.1	1.9	0.5	1.1	0.7	16.3	NA	0.3	NA	NA	36.9	89.3	89.2	178.5
1975	5.3	33.0	11.3	2.1	0.2	1.6	1.5	16.8	NA	0.4	NA	NA	47.8	103.2	114.7	217.9
1980	3.7	39.0	9.5	2.0	0.3	1.9	2.8	16.5	NA	0.5	NA	NA	57.9	117.6	139.1	256.7
1985	5.3	35.3	16.0	2.4	1.2	2.4	2.8	24.8	NA	0.6	NA	NA	73.3	139.2	167.9	307.1
1990	4.7	42.8	16.4	2.8	0.8	2.5	1.4	23.9	0.0	7.3	(s)	(s)	95.8	174.6	225.5	400.1
1995	6.2	58.7	15.5	3.8	1.6	0.7	1.3	22.8	0.0	5.4	0.1	(s)	112.8	206.0	266.0	471.9
1996	8.7	61.6	19.8	4.3	1.6	0.7	1.6	27.9	0.0	9.1	0.1	(s)	115.5	222.7	271.2	493.9
1997	4.0	64.6	17.3	4.6	2.1	0.7	0.8	25.5	0.0	9.5	0.2	(s)	116.6	220.3	270.2	490.4
1998	4.0	60.8	18.0	3.5	2.5	0.6	0.7	25.3	0.0	9.7	0.2	(s)	122.1	222.3	281.7	503.9
1999	2.9	63.8	16.7	3.9	1.8	0.9	1.1	24.4	0.0	9.3	0.2	(s)	125.9	226.4	294.4	520.8
2000	1.9	68.4	19.3	4.7	1.6	0.6	2.7	28.9	0.0	10.1	0.2	(s)	131.2	240.6	308.3	548.9
2001	2.9	62.1	17.2	4.2	1.3	0.6	1.8	25.2	0.0	6.2	0.3	(s)	134.2	230.7	312.5	543.2
2002	1.7	64.9	14.3	4.1	0.5	0.7	0.5	20.0	0.0	5.4	0.3	(s)	138.7	230.9	325.7	556.6
2003	2.3	66.4	18.9	5.4	1.1	0.6	2.5	28.6	0.0	6.4	0.4	(s)	140.5	244.4	320.8	565.3
2004	2.1	66.5	17.6	5.0	1.4	0.6	2.0	26.7	0.0	7.2	0.4	(s)	146.8	249.6	340.0	589.7
2005	2.8	68.6	17.3	4.8	1.2	0.6	0.5	24.4	0.0	8.5	0.5	(s)	152.4	257.2	352.5	609.6
2006	0.6	64.6	15.6	4.2	1.0	0.5	0.2	21.5	0.0	8.2	0.5	(s)	152.4	247.7	352.3	600.0
2007	1.9	68.9	12.1	4.5	0.9	0.6	0.1	18.2	0.0	7.6	0.6	(s)	160.3	257.4	375.2	632.6
2008	2.0	69.5	9.0	5.5	0.1	0.5	0.1	15.3	0.0	7.5	0.6	(s)	159.9	254.9	375.3	630.2
2009	2.3	70.1	7.7	5.2	0.2	0.5	0.1	13.7	0.0	6.9	0.7	(s)	159.8	253.5	364.5	618.0
2010	2.2	70.7	8.5	5.8	0.2	0.4	0.2	15.1	0.0	7.1	0.8	(s)	163.9	259.8	372.4	632.2
2011	2.4	66.0	6.7	6.0	0.1	0.5	0.1	13.4	0.0	6.6	1.0	(s)	160.5	249.9	357.4	607.3
2012	1.3	62.3	9.9	5.4	0.1	0.5	(s)	R 15.9	0.0	6.9	0.9	0.1	159.5	R 246.9	343.8	R 590.7
2013	1.3	70.6	7.9	7.0	0.1	0.5	(s)	R 15.6	0.0	7.4	0.9	0.1	162.9	R 258.8	353.2	R 612.0
2014	1.8	75.7	9.2	7.6	0.1	0.5	(s)	R 17.5	0.0	7.4	0.9	0.1	162.9	R 266.3	350.5	R 616.8
2015	1.3	72.4	9.2	7.0	0.1	11.3	0.0	R 27.6	0.0	7.5	0.9	0.1	165.0	R 274.8	340.7	R 615.5
2016	0.9	71.0	8.6	7.3	0.1	11.4	(s)	27.5	0.0	7.7	0.9	0.1	168.1	276.1	335.7	611.8

[a] Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
[b] Hydrocarbon gas liquids, assumed to be propane only.
[c] Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.
[d] Includes small amounts of petroleum coke not shown separately.
[e] Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
[f] There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
[g] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
[h] Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.
[i] For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by commercial utility-scale facilities. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.
[j] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

– – = Not applicable. NA = Not available.
Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.
Notes: Totals may not equal sum of components due to independent rounding. • The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.
Web Page: All data are available at https://www.eia.gov/state/seds/seds-data-complete.php.
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.